



CCTV TRUCK TECHNICIAN

Purpose:

To actively support and uphold the City's stated mission and values. To participate in a variety of skilled work in the operation of closed circuit camera equipment in the inspection of wastewater and stormwater collection systems; and to perform a variety of maintenance duties in the control of wastewater system odors.

Supervision Received and Exercised:

Receives general supervision from supervisory or management staff.

The TV Truck Technician exercises some functional and technical oversight over skill-based pay staff assigned to the TV Truck, including providing training.

The TV Truck Technician will serve as the subject matter expert and provide on-the-job training to employees seeking this skill block.

Essential Functions:

Duties may include, but are not limited to, the following:

- Create and generate reports and provide technical information to Water Utilities Division staff; the general public; other City departments; outside agencies including engineers, developers, designers, and utility companies.
- Create, track and resolve work orders based upon requirements from internal and external entities for TV truck work to be performed on wastewater and stormwater collection systems, supported by the Water Utilities Division.
- Lead, organize and participate in the work of staff involved in the inspection of sewer, storm and irrigation lines using a remote controlled closed circuit television camera; maintain and repair electrical, mechanical and electronic components.
- Prepare reports and records regarding daily work activities; provide training to lower level staff in the operation and maintenance of equipment; write procedures for the operation of equipment.

CITY OF TEMPE
CCTV Truck Technician (continued)

- Manage inspection history to secure the information and make it available for analysis and planning.
- Work with the following software programs associated with the operation of the TV truck: Flexidata, Hansen or similar work order/asset management system, Nextek, PipeLogix, and WGIS.
- Operate and maintain FM rated intrinsically safe closed-circuit television inspection equipment, as required.
- Measure atmospheric conditions in confined spaces; test for explosive gases in sewers using gas detection equipment.
- Install and/or coordinate traffic cones and barricades; route and control traffic around work site.
- Identify equipment needs for each assigned project; inform supervisor of equipment conditions and repairs needed and resolve those problems independently.
- Respond to requests and inquiries from customers of the water and wastewater utilities and from the general public.
- Operate both Pole and Push cameras.
- Operate cleaning truck as needed to clear lines for televising lines; serve as back-up to Utility Services Technicians as needed.
- Work closely with CMMS and serve as back-up staff for Hansen, as needed.
- Provide Division back-up for Blue Stake and water mechanical finals as needed.
- Perform sewer mechanical finals; coordinate with City Inspectors and contractors to meet City standards.
- Serve as primary contact with the TV Truck contractor/vendor.
- Perform related duties as assigned.

Minimum Qualifications:

Experience:

Three years of increasingly responsible experience performing operation and maintenance activities in a municipal sanitary sewer system, including one year of television inspection

CITY OF TEMPE
CCTV Truck Technician (continued)

equipment operation. Experience operating a sewer cleaning truck and one year of experience in computer practices using GIS, Asset Management and CCTV software programs and working knowledge of Microsoft suite (Outlook, Word, Excel, and Access) is preferred.

Education:

Equivalent to the completion of the twelfth grade. Additional training or specialized courses in TV Truck vendor-specific training at Operator and Technician level will be required within one year of hire.

Licenses/Certifications:

Possession of a valid Arizona commercial driver's license, with tanker endorsement within one year of hire.

Possession of TV Truck vendor-specific Operator and Technician certifications; ADEQ Water Distribution Grade 1 and Wastewater Collection Grade 2 certifications within one year of hire.

Examples of Physical and/or Mental Activities:

- Lift heavy objects, *approximately 15 lbs.*
- Move heavy objects with forklift, dolly, etc. - *manhole covers 325 lbs.;*
- Operate city vehicles *such as passenger car, pick-up truck, & CCTV van;*
- Use tools, *such as MH pick, shovel, screwdriver, sledge hammer;*
- Climb stairways, ladders, and work on elevated structures;
- Traverse uneven surfaces – *work involves walking in streets, over curbs, sidewalks, alleys, and landscape areas;*
- Traverse long distance during workday with or without an accommodation – *work involves walking long distances in streets, over curbs, sidewalks, and landscape areas (1 mile/week);*
- Other physical labor essentials to the classification *such as opening MHs & lifting CCTV camera;*
- Work in a stationary position for considerable periods of time – *sitting operating CCTV equipment remotely in van;*
- Extensive reading and close vision work *with computer and map reading;*
- Work out-of-doors in inclement weather;
- Exposure to heat, cold, dampness, dust, pollen, odors, fumes, etc. *This work is required to be outside or in CCTV van most of everyday.*
- Exposure to hazards of electrical shock, falls, noise, equipment operation *such as traffic noise;*
- Exposure to blood and airborne pathogens; bodily fluids *such as sewage exposure;*
- Exposure to chemicals, petroleum products, cleaning agents, fumes *such as spray paint used to mark service lines, degreaser, and electrical cleaner, completely ventilated environment outside.*

CITY OF TEMPE
CCTV Truck Technician (continued)

- May require working extended hours;
- Operate city equipment *such as CCTV cameras*.

Competencies:

<http://www.tempe.gov/home/showdocument?id=26274>

Job Code: 180

Status: Non-Exempt / Classified